AMENDMENT 1	Docket No. / 04303/100N158-US1		
Application No.	Filing Date	Examiner	Art Unit
09/828,381-Conf. #1798	April 5, 2001	J. D. Rutten	2122

Applicant(s): Song Chen et al.

VIRTUAL MACHINE INTERFACE FOR HARDWARE RECONFIGURABLE AND Invention: SOFTWARE PROGRAMMABLE PROCESSORS

# TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

		CLAIM	S AS AMENI	DED		
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present		Rate	
Total Claims	53	- 52 =	1	Х	50.00	50.00
Independent Claims	7	- 7 =		χ.		Vess
Multiple Depend	ent Claims (ch	eck if applicabl	e)			
Other fee (please	e specify):					
TOTAL ADDITI	ONAL FEE FO	OR THIS AME	NDMENT:			50.00
x Large Entity					Small Entity	
No additiona	I fee is require	d for this amer	ndment.	-		
X Please charg A duplicate o	ge Deposit Acc			the ar	mount of \$ _	50.00 .
A check in th	e amount of \$		to cover	the filir	ng fee is encl	osed.
Payment by	credit card. Fo	orm PTO-2038	is attached.			•
X The Director	is hereby auth					o. <u>04-0100</u>
as described	i below. A dup	licate copy of	and direct is c	nciose	ea.	
as described	i below. A dup ny overpaymer			enciose	ea.	
as described  x Credit ar	ny overpaymer	it.				37 CFR 1.16 and 1.17
as described  x Credit ar  x Charge a	ny overpaymer iny additional fili	it.		ees rec	quired under 3	37 CFR 1.16 and 1.17 April 5, 2005
as described  x Credit ar	ny overpaymer iny additional fili 7 C B/	it.		ees rec	quired under 3	

Express Mail Label No. Dated: Application No. (if known): 09/828,381

Attorney Docket No.: 04303/100N158-US1

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 330172665 US in an envelope addressed to:

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on	April 5, 2005
	Date

Sude yeddo						
() Signa	ture					
Judy Y	′eddo					
Typed or printed name of	person signing Certificate					
Registration Number, if applicable	Telephone Number					

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Fee Transmittal (1 page)

Amendment in Response to Non-Fina

Amendment in Response to Non-Final Office Action (17 pages)

Amendment Transmittal (1 page)

Return Receipt Postcard

March   Paperwork Reduction Act of 1998, no person are required to respond to a collection of information unleas it disalplays a valid OMID control number   Complete if Known   Complete if Known   Complete if Known   Complete if Known   April 5, 2001   FEE CALCULATION   Application Number   O9/928, 381-(conf. #1798   Filing Date   April 5, 2001   First Named Inventor   Song Chen   Examiner Name   J. D. Rutten   April 5, 2001   First Named Inventor   Song Chen   Examiner Name   J. D. Rutten   April 5, 2001   First Named Inventor   Song Chen   Examiner Name   J. D. Rutten   April 5, 2001   METHOD OF PAYMENT (check all that apply)   Check   Credit Card   Money Order   None   Other (please identify):   Object Account below   Darby & Darby & Darby P.C.   Prof. (check all that apply)   Charge fee(s) indicated below   Charg	2005 مليا د کون	. =		U.S. P	atent and Tradema	oved for use throug ark Office; U.S. DE	h 7/31/2006. O	COMMERCE
FEE TRANSWITTAL FOR FY 2005  Application Number First Name Application Number Song Chen Examiner Name J. D. Ruttlen April 5, 2001 First Name J. D. Ruttlen April 5, 2001  First Name J. D. Ruttlen April 6, 2003 Attorney Docket No.  METHOD OF PAYMENT (check all that apply)  Check Credit Card Money Order None Cherc (please identify):  Deposit Account Deposit Account Number O4-0100 Deposit Account Name Darby & Darby P.C.  For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  Charge any additional fee(s) or underpayment of fee(s) indicated below, except for the filing fee  Charge fee(s) indicated below, except for the filing fee Chercitan None Examination Teles(s) under 37 OFR 1.16 and 1.17  FEE CALCULATION 1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES Small Entity Application Type Fee(s) Fee(	Under the Pa	perwork Reduction Act of 1	995, no person are required to	respond to a colle				ontrol number.
Application Type	Effective on 12/08/2004. Ress pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		T .					
Prof FY 2005	FFF TRANSMITTAL					April 5, 2001		
Applicant claims small entity status. See 37 CFR 1.27								
METHOD OF PAYMENT (check all that apply)		For FY 20	05			J. D. Rutten		
METHOD OF PAYMENT (check all that apply)    Chack   Credit Card	Applican	t claims small entity statu	is. See 37 CFR 1.27	Art Unit	2	2122		
Check	TOTAL AMOU	NT OF PAYMENT	Attorney Doo	ket No.	04303/100N1	58-US1		
No peopsit Account   Deposit Account Number   D4-0100   Deposit Account Number   Darby & Darby P.C.	METHOD OF	PAYMENT (check	all that apply)					
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)   Charge fee(s) indicated below   Charge fee(s) indicated below, except for the filing fee   Charge fee(s) indicated below, except fee(s) indicated below, except fee(s) indicated below, except fee(s) indicated to the fee(s) in	Check	Credit Card	Money Order N	one Oth	ner (please identi	ify):		
Charge fee(s) indicated below   Charge fee(s) indicated below, except for the filing fee   x   Charge any additional fee(s) or underpayment of   x   Credit any overpayments	X Deposit Ac	count Deposit Account N	 lumber: 04-0100 Deposit Ad	count Name:	D	arby & Darby	P.C.	
Charge fee(s) indicated below   Charge fee(s) indicated below, except for the filing fee   x   Charge any additional fee(s) or underpayment of   x   Credit any overpayments	For the	above-identified depo	sit account, the Director	is hereby autho	orized to: (chec	k all that apply)	)	
Second   S		•	•	<u> </u>	•	* * * * * * * * * * * * * * * * * * * *		e filing fee
FEE CALCULATION				f x Cre	edit any overpa	yments		
Provisional   200   100   150   500   250   200   100   100   100   500   130   65   500   250   200   100		<del></del>	To and 1.17		***			<u>.</u>
Mapplication Type	1. BASIC FILIN	G, SEARCH, AND EX	(AMINATION FEES					
Registration Type		FIL					;	
Design	Application Ty	vpe Fee (\$)					Fees Pa	aid (\$)
Plant   200   100   300   150   160   80	Utility	300	150 500	250	200	100		
Reissue	Design	200	100 100	50	130	65		
Provisional   200   100   0   0   0   0   0   0   0	Plant	200	100 300	150	160	80		
Signature   Sig	Reissue	300	150 500	250	600	300		
Fee (\$)   Fee (\$)   Fee (\$)	Provisional	200	100	0	0	0		
Each claim over 20 (including Reissues)  Each claim over 3 (including Reissues)  Each independent claims  Total Claims  Extra Claims  Total Claims  Extra Claims  Fee (\$)  Fee Paid (\$)  Multiple Dependent Claims  Fee (\$)  Fee Paid (\$)  Indep. Claims  Total Claims  Fee (\$)  Fee Paid (\$)  Total Claims  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Claims  Total Claims  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Claims  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Claims  Fee (\$)  Fee Paid (\$)  Substitute  Fee (\$)  Fee Paid (\$)	2. EXCESS CLA	AIM FEES					<u>s</u>	
Each independent claim over 3 (including Reissues)  Multiple dependent claims  Total Claims  Extra Claims  53							<u>Fee (\$)</u>	<u>Fee (\$)</u>
Multiple dependent claims  Total Claims  Extra Claims  53  -52 = 1  x  50.00 = 50.00  Extra Claims  Fee (\$) Fee Paid (\$)  Indep. Claims  7  -7 = x  =  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof.  -100 = /50		` _	· ·					
Total Claims Extra Claims Fee (\$) Fee Paid (\$) Multiple Dependent Claims  53 -52 = 1 x 50.00 = 50.00 Fee (\$) Fee Paid (\$)  Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)  7 -7 = x = 3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  -100 = /50 (round up to a whole number) x = 4. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge):  SUBMITTED BY  Registration No. (Attorney/Agent) 38,395 Telephone (212) 527-7664	-	•	iding Reissues)					
Signature   Sign								180
Indep. Claims								
3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  - 100 = /50 (round up to a whole number) x =   4. OTHER FEE(S) Fees Paid (\$)  Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge):  SUBMITTED BY  Signature Registration No. (Attorney/Agent) 38,395 Telephone (212) 527-7664	53	- 52.=1 x	50.00 =	00.00	<u>Fe</u>	<del>9 (\$)</del>	Fee Paid (\$)	
3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets	Indep. Claims	Extra Claims	Fee (\$) Fee	Paid (\$)				-
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets	7	-7 =x	<b>=</b>					
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets								
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets Number of each additional 50 or fraction thereof -100 = /50 (round up to a whole number) x =  4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge):  SUBMITTED BY Signature  Registration No. (Attorney/Agent) 38,395 Telephone (212) 527-7664								
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof - 100 =						ility) for each a	idditioliai 50	
- 100 =  /50			, , , , , ,			f Fee (\$)	Fee Pa	aid (\$)
4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge):  SUBMITTED BY Signature  Registration No. (Attorney/Agent) 38,395 Telephone (212) 527-7664								
Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge):  SUBMITTED BY  Signature  Registration No. (Attorney/Agent) 38,395 Telephone (212) 527-7664							aid (\$)	
SUBMITTED BY Signature  Registration No. (Attorney/Agent) 38,395 Telephone (212) 527-7664	Non-English	Specification, \$130	fee (no small entity dis	count)			<u></u>	
Signature Dutino Registration No. (Attorney/Agent) 38,395 Telephone (212) 527-7664	Other (e.g., l	late filing surcharge):						
(212) 527-7664	SUBMITTED BY	<u> </u>	00/			,		
Name (Print/Type) Laura C. Brutman Date April 5, 2005	Signature	Laura	( Drutmo	Registration No (Attorney/Agent)	38,395	Telephone	(212) 527	-7664
	Name (Print/Type)	Laura C. Brutman	*			Date	April 5, 2	2005

Express Mail Label No.	Dated:			
Express man East 110.	Datou.	 		
<u></u>		 	 	 

Docket No.: 04303/100N158-US1

(PATENT)

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Song Chen et al.

Application No.: 09/828,381

9/828,381 Confirmation No.: 1798

Filed: April 5, 2001

Art Unit: 2122

For: VIRTUAL MACHINE INTERFACE FOR

HARDWARE RECONFIGURABLE AND

SOFTWARE PROGRAMMABLE

PROCESSORS

Examiner: J. D. Rutten

### **AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

#### **INTRODUCTORY COMMENTS**

In response to the Office Action dated January 5, 2005, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 14 of this paper.

Remarks/Arguments begin on page 15 of this paper.

04/08/2005 AWONDAF1 00000061 040100 09828381

01 FC:1202

50.00 DA